

GV600MG

The GV600MG is an LTE product specifically designed for heavy duty vehicles including trailers, tankers, refrigerated and flatbed trucks. Its ruggedized waterproof design ensures the product remains reliable when installed in the harsh environments commonly found in heavy transportation such as fuel and chemical transportation. The GV600MG can work for up to three months without external power, making it ideal for tracking trailers even when disconnected.



Key Features

- 120 days standby time
- Ruggedized case
- BLE 4.2
- Waterproof, compliant to IP67
- Multiple I/O interfaces
- 18 pin waterproof connector
- 1-wire interface
- RS232 port
- Low-power alarm
- Li-ion, 3.7V, 5800 mAh, 18650 battery pack
- Internal cellular, GNSS, and BLE antennas
- LED indicators for Power, GPS, and Cellular

Technical Specifications

Physical

Dimensions: 138 × 66 × 38mm
Weight: 320g

Environmental

Temperature: -30° to +80° C
Operating Voltage: DC 8V to 32V

Interfaces

Digital Inputs: 1 positive trigger input for ignition detection
Analog Input: 1 analog input (0V-32V)
1-wire Interface: Support 1-wire temperature sensor and iButton driver ID (maximum 8 channels)
Power Output: 1 power output (3.3V) for external devices
Digital Inputs/Outputs: 4 negative trigger inputs for normal use, or 4 open drain outputs 150mA max drive current
Serial Port: 1 RS232 port; 1 TTL Port

Antennas

Internal Cellular Antenna
Internal GPS Antenna
Internal GLE Antenna

Air Interface Protocol

Transmit Protocol: TCP, UDP, SMS
Low Power Alarm: Alarm when backup battery is low
Special Alarm: Special alarm based on inputs



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